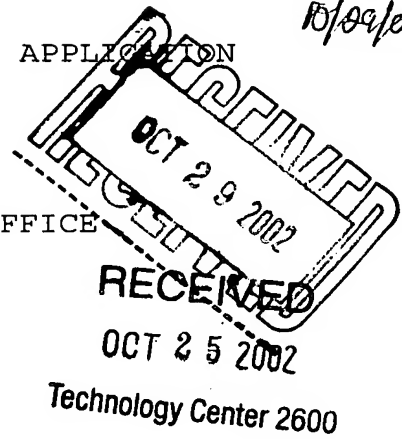




ATTORNEY DOCKET NO.
004578.1147

PATENT APPLICATION

1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: DOUCETTE, Paul E., et al.
Serial No.: 10/028,009
Filing Date: December 21, 2001
Group No.: Unknown
Examiner: Unknown
Title: METHOD AND APPARATUS FOR PROCESSING
SIGNALS IN AN ARRAY ANTENNA SYSTEM

Assistant Commissioner
for Patents
Washington, D.C. 20231

Dear Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date shown below.

Name Candice R. Rockett
Date: Oct. 18, 2002

FOURTH INFORMATION DISCLOSURE STATEMENT

Pursuant to the provisions of 37 CFR §§ 1.56, 1.97 and 1.98, Applicants are enclosing copies of four documents which may be material to examination of the present application. These four documents are each listed on enclosed Form PTO-1449. These four documents were recently cited in an Office Action issued in copending U.S. Serial No. 09/478,035 filed January 5, 2000 (Attorney Reference 004578.0985, 99E080).

This Information Disclosure Statement is being submitted prior to issuance of a first Office Action in the present application, and it is therefore believed that no fee is due for this IDS.

ATTORNEY DOCKET NO.
004578.1147

PATENT APPLICATION

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Favorable consideration of the present application
is respectfully requested.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicants



T. Murray Smith
Reg. No. 30,222
(214) 953-6684

BAKER BOTTS L.L.P.
2001 Ross Avenue
Suite 600
Dallas, TX 75201-2980
(214) 953-6500

Date: October 18, 2002

Enclosures: Form PTO-1449, and one copy
of each listed document
Post Card

PTO-1449

Application No.
10/028,009Applicant(s)
Paul E. Doucette, et al.Docket Number
004578.1147Group Art Unit
UnknownFiling Date
December 21, 2001Information Disclosure Citation
in an Application

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	5,517,529	05/14/96	Stehlik			
B	6,160,505	12/12/00	Vaishampayan			
C						
D						
E						
F						
G						
H						
I						
J						
K						
L						

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	M						--	
	N						--	
	O						--	
	P							
	Q							

DOCUMENT (Including Author, Title, Source, Pertinent Pages, and Date)

R	Brown, et al., "Digital L-Band Receiver Architecture With Direct RF Sampling", IEEE Position Location and Navigation Symposium, April 1994, pages 209-216 plus IEEE abstract sheet.
S	Song, William S., "A New 3-GSPS 65-GOPS UHF Digital Radar Receiver and Its Performance Characteristics", Thirty-First Asilomar Conference on Signals, Systems & Computers, November 1997, Vol. 2, pages 1542-1546 plus IEEE abstract sheet.
T	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

DAL01:702405.1